

prior to either.) It is a mistaken idea that grape is not suited to our northern climate, as much a native of our State as the potato. South America, being found growing here

regard to the profit of a dairy, let me make one statement which I can vouch for as being correct. A few years ago, when butter was twenty-five cents a pound, Deacon Upton, of Dixmont, kept

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each arm pinch off at length of one or feet, and at the first pruning just before wintering. The fruiting canes are cut off or two buds of the horizontal. This third year, and perhaps every succeeding year the vine shows a great disposition to overbear, and part of the clusters should early in the season be cut off. The two or three canes of the horizontal each arm bear fruit and the two short ones at the end of the cane bear from four to five, and so on to the length of four or five feet, and these are to bear fruit the next year. At the time of pruning the fruiting canes must be cut off, leaving an eye or two of the horizontal. After this the process of bearing fruit and wintering wood alternates in these upright canes year to year. A good way to train against a wall is to allow the canes to grow to about six feet high, and then each fall cut back one of the lateral branches to within an eye or two of the point of origin, so that one half of the upright canes would annually be fruit bearing, and the other half would grow to be a small crop of garden culture. To the garden we should have a vine trained for food all through the year, but especially in the winter months, when the fruit is most needed.

Not only the most palatable kinds of food are the best for the garden, but those that are best for the garden, but there can be found an abundance and preventives for the diseases prevalent at that time. The cultivation of the currant has been improved in many respects, and is better than formerly, but with care it is capable of every great improvement. The fruit of the currant vine can be grown to be nearly two inches in circumference. In the autumn of his last recent year, the speaker, in the black currant vine, made from it one of the most successful remedies known in bronchitis and other forms of throat where an astrigent is needed."

He then says, "I have been endeavoring to get some of you to come and see the access to this fruit." In the garden should be found too, a plentiful supply of the best variety of small fruits, such as strawberries, raspberries, blackberries, and the like. These are variously taken on flesh and lat. If that is the case it is impossible for the fruit to be too abundant for the same food cannot be appropriated to two different uses. One can never, without some addition, become too. Had our old native cattle been intelligently bred during the last fifty years, with special reference to the dairy, they would not be in my opinion, superior to either of the three breeds considered.

There are two breeds of cattle that have from time immemorial been bred for the dairy. They are the Ayrshires and the Jerseys. The Ayrshires are a small breed, but they are the best milk men and for cheese-making. The Jerseys are a larger breed, but they give a small quantity of very rich milk, so rich that a pound of butter has frequently been obtained from four quarts of milk. The Ayrshires are the best for the dairy men and for cheese-making. The Jerseys are the best for butter. Both breeds are hardy, yet give good credit for generous keeping. Both are gentle and peacable. The cows of both breeds are good mothers when dry, and make fine trained, tender beef.

The question now comes, how shall we obtain the breed we want for dairy cows? Shall we take the Ayrshire pure, or the pure Jersey, or a cross of the two, or will we take the best of the two breeds with our common mixed breed? If we lived in the vicinity of a milk-market, and *quantity* was our main object, the pure Ayrshires are unquestionably the best breed for the business in the hottest weather. We make choice only in the hottest weather. We can most easily and with less expense engraft some breed on our common stock. Our cows as a class are deficient in milk. For example, a cow that gives only enough by a year, usually coming in at three years old. Second, they go dry too long before calving. Third, their milk is not rich enough. Fourth, the milk is of too pale color. In all these respects the Ayrshires are the best breed, having invariably come in at two years old. They give milk nearly up to the time of calving. Their

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the garden addresses itself to our love of the beautiful and our capacity for enjoying it. Who ever knows a coarse, vulgar animal to be beautiful? There is a love among God's creatures; love and reverence them for the beauty He has bestowed there is one with the Infinite Beauty. It should then urge upon you a thoroughly cultivated garden, and a well-bred and improved stock, as the usual estimate; and both this and the cultivation of flowers I would urge as a means of attaining to moral and mental elevation and improvement.

It will now pass to the second division of my subject. Neat stock are kept for three purposes: for draft, for beef, and for the dairy. Let us consider which of these three objects should chiefly be kept in view.

Within the last thirty years a great change has taken place with us in regard to the need and use of oxen for draft. Then there was a large demand for lumbering, now scarcely any. Then oxen were needed in clearing land and in preparing the soil for the plow. Now the use of the horse, using annots, and securing also a more creamy cheese."

Perhaps few of you in this State are well qualified to give an opinion, experience and natural taste give an opinion on this subject, as Mr. Perrell has done.

In all crosses it is very difficult to establish an intermediate breed having permanent traits, uniformity of color, and a certain number of qualities reverting back to their original type. The cross can only be established as a distinct breed after a long series of years. But in the case of a cross between the Jersey and Ayrshire, an inclination to the Jersey type, and a large percentage would not materially injure it for dairy purposes.

Let us have whatever breed we may, we cannot have a good dairy without careful feeding. We can never obtain *something from nothing*. We can have a good dairy by feeding the cows when the pasture fails in August and September, and some roots should be given them with their hay in the winter.

I fully believe that the profits of our dairies by

every year doing more and more of the work formerly done by oxen, and as we are many of us obliged to keep a horse team for our mowing machines, the same team can do all the other work. It is not fair to the farmer to expect that he can get the same results from the horse as he can from the ox in pre-producing, and horse-farming policies for the future. In raising cattle solely for the purpose of beef, we cannot compete with them. On the other hand, the prairies and the Gulf States are not considered so good for the dairy as the Eastern and Middle States. The horse is not so good for the dairy, therefore, rather than beef or draft-oxen and could now be our leading end and aim in raising and as the country grows older, the truth is this position will be more and more apparent.

But, says one man, why cross a horse with a cow? But, says one man, why yoke a cow to a horse? But, says one man, why cross a horse with a cow? In reply I will say that some extra man can be as high priced as the heaviest oxen I have ever seen. It is a mistake. The cross that is the best suited to one's employment brings one the most money. It is a mistake. The cross that is the best suited to the hard-earned hands of the intelligent laborer man can now be held up with honor in the present day.

are known \$150, \$175, and even \$200, refused to give the past summer for such cows. Mr. Hays says he has seen no one who would buy a cow that could not be purchased for less than \$200. A great mistake is often made in estimating the relative cost of raising cows and calves. It is not the calf which costs most, but the feed and bidders of the right breed will do it, and affirm that they are paying us a profit. On the other hand, these large fancy steers, from the fact that they are raised so early, are sold when they are four years old, usually earn at least one, and the cost of keeping is at least \$30 or \$40 a year each. Suppose, then, the breifer that raises his calves at \$150 per head, sells them at two to four, and in four years old worth only \$60, the steer at the same age in order to be equally profitable must be worth about \$130.

Another source of profit from cows too often is thought of, is the additional quantity of manure obtained from them by our being able to raise a larger number of swine, and by so doing increasing the value of their manure as compared with steers and oxen, so far as manure is concerned, count but once, cows count twice. In







### CLOAKS AND SHAWLS.


The superior sea-going steamer  
**EASTERN QUEEN,**  
CAPT. JASON COLLINS,  
leave Hallowell at 12, Gardiner at 8, and Richmond at 6,  
on 2 P. M., every Monday and Thursday for Boston, Re-  
vere, Long Wharf, Boston, every Tuesday and Friday.  
The steamer AUGUSTA will connect with the Eastern Queen  
Hallowell and from Augusta  
to—LONGYELLOW & SANBORN, Augusta; H.  
GARDINER & SON, Hallowell; WM. W. BRADSTREET, Gas-  
con, J. T. ROBINSON, Richmond; JOHN R. BROWN, 6019

**NEW ENGLAND**  
**Scrub Steamship Company.**

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light received on days of sailing until 4 o'clock, P. M.  
C. C. EATON, Agent.  
Portland, May 22, 1885.

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 **PORT & KEN. RAILROAD.**  
**WINTER ARRANGEMENT.**

*For 1885, commencing December 19, 1884.*

Passenger trains will leave Augusta daily for Portland and  
n at 10 26 A. M.; Hallowell at 10 32. Freight Trains at  
A. M.

Returning—Passenger Trains are due at Augusta from Port-

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Over the other three in one, two and three years on mortgage, interest at 5 per cent; or the whole down, as may suit purchaser. (We are the only one of the kind.) He is induced to offer farm for sale.

Now, LEWIS L. THOMAS, owns a fine, hutting my farm, and on the hillside, contains 100 acres, and will be sold mine if any one wants it. It might suit some to have land than mine contains. Said farm has a good house and on it, and timber enough to pay for it, mostly oak.

LEWIS L. THOMAS.  
Papham, Oct. 25, 1865. 3447

**FARM FOR SALE IN CHINA.**

Said farm is situated two miles south of the village, on the east side of the lake, contains about

valuable property, and a good land as the country affords. It is situated on a high elevation, and is well suited for all kinds of crops, especially wheat. We set out the following trees and shrubs, to wit: 100 apple trees, 1863, 40 bushels, 1864, 4000, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533,

**FAIRM FOR SALE.**

Located in MONMOUTH, one half mile from Leeds Junction, three miles from Monmouth and twelve from Lewiston. Said farm contains 120 acres of land, of which 100 are divided into tillage, pasture and woodlands. The watered, also two good wells, one at the barn, and one at the house. It is in a good state of cultivation, cut about 25 of hay the present season, and of the best quality. The farms consist of a good house and barn connected by a shed or long containing woodshed, workshop, carriage house and a shed used for stock, which is a large building, well adapted for long cattle, attached to barn, also hog house 14 by 18 and a good stall. Said farm will be sold at a good bargain and for the best of the stock. For further particulars, enquire of the subscriber on

**FARM FOR SALE.**

Pleasantly situated in MANCHESTER, one mile from the Center, five miles from Augusta, and four from Hallowell. Said farm contains about fifty acres of good land, with good buildings, and is well watered and wooded—a never failing well of excellent water supplies the house and barn. Cuts twelve to fifteen tons of hay, has a good orchard. There are twelve acres of woodland, young growing. Any one wishing to buy a small farm, or to do well to come to this place, purchasing elsewhere. See ad. given immediately if desired.

For particulars inquire on the premises.


**2ND** **GEORGE HOPKINS.**  
**1 ACRE FOR SALE.**  
A good farm situated in the town of Weston, Worcester County. Said farm contains about 100 acres, mostly timber and pasture, with enough woodland to supply fuel and plenty of excellent oed fencing. The build- ings are a good one and a half story house 24 by 54 with a well and a good barn with large stalls and a shed. The land is well watered by a small stream, and the falling off of water in the I. There is a small orchard on the premises, which produced this season thirty-five bush- els of good apples. All the produce of the farm can be sold on the premises at good prices.  
For further particulars apply to **NATHAN SMART** on the premises, or address **HENRY B. FOSTER**, Bangor, or **R. O. G.**

**FARM FOR SALE.**  
SITUATED IN WINTHROP one and a half miles from  
the village, on the road leading to North Weymouth, joining Leaven-  
worth and G. A. Benson. Said farm contains sixty  
acres, suitably divided into fields, pasturage and a heavy  
orchard of wood, and a large orchard of excellent fruit. The  
house is under a high grade of cultivation, with over thirty tons  
of hay; fifteen head of cattle and a horse are kept on the place,  
and veins of water at the house and barn. A part or all of the  
stock and hay can be bought with the place if wanted.  
Inquire of J. H. CHESLER on the premises. 3648


**THE** The subscriber offers his COTTAGE HOUSE,  
**7 Acres of Land and Water Power**  
enough for a Tannery,  
for sale at a bargain. Said House is situated on the Bond  
Road, one from the Kennebec Bridge.  
D. F. MATYARD.  
Augusta, Sept. 25, 1865. 6w45

**FOR SALE.**

**A** FARM of 145 acres, situated in Winthrop, 5 miles  
from Augusta. It has about 500 apple trees and 40  
acres of woodland. For further particulars enquire of J. P.


**A DESIRABLE FARM FOR SALE.**  
 Situated in EAST WINTHROP. For further particulars, inquire of DAVID CASSELL, Esq. or ISAAC A. CARR on the premises.  
 East Wintthrop, Oct. 24, 1865. 48

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**FOR SALE.**  
 The HOUSE AND LOT at the corner of Bridge and Elm streets. Apply to  
 0045 SAMUEL TITCOMB.

**THOROUGHbred  
SHORT HORNS FOR SALE.**

I now have about 40 pure bred Short Horns of various ages. I have 6 Bulls from 3 months to 3 years old. The balance of my herd are cows and heifers. 17 of them are bred by the best of the breeders in the country. I produce dairy qualities, and from different families, therefore, purchasers can make desirable selections. My health is insured, I intend to change my business somewhat, and have no more than I can dispose of. I am anxious to find a portion of my herd at low prices. I have the Herd Books, and will, guarantee my animals pure bred. I also have a pure blood Oxtail cow, buck lambs, one South Down buck ram and South Down roosters, for sale.

**WARREN FERGIVAL.**

**STOLEN.**

From the stable of the subscriber, in Shirley, on Wednesday, the 28th ult. a LIGHT BAY HORSE six years old spring, with light mane and tail: hind feet white with touches on the same. The horse is short, thick made. Whoever will inform me or the Post Master at Monson in relation to said horse shall be suitably rewarded.

Shirley, Nov. 1, 1868.

JOSIAH ALLEN.  
Swtd



